Audiobahn®

QUALITY, RELIABILITY & PURE BLISS



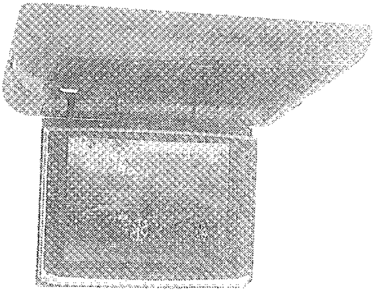
CLASS A/B MOSFET POWER AMPLIFIER

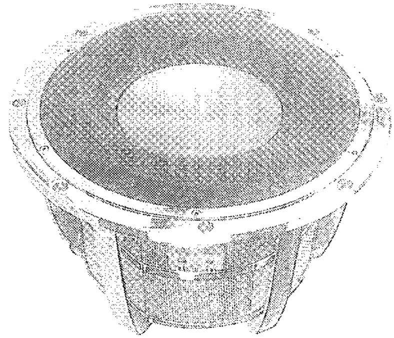
A2201Q / A2301Q / A2401Q /A2601Q
A2801Q / A3201Q / A4401Q /A4601Q
A6601Q / A1801Q

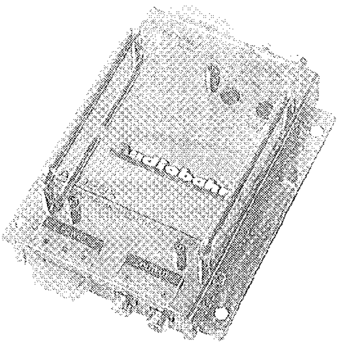
OPERATING INSTRUCTIONS

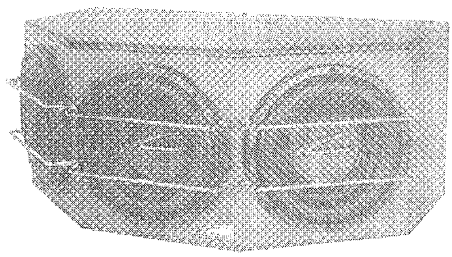
PLEASE READ THIS MANUAL BEFORE OPERATING UNIT. RETAIN FOR FUTURE REFERENCE.

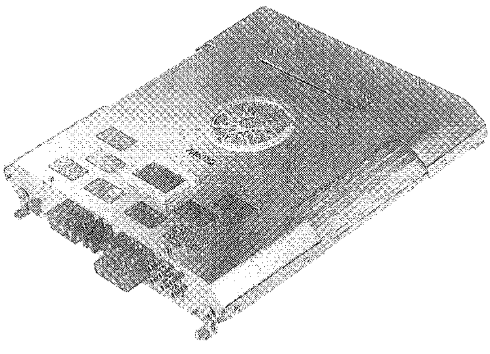
Deprive yourself no further...







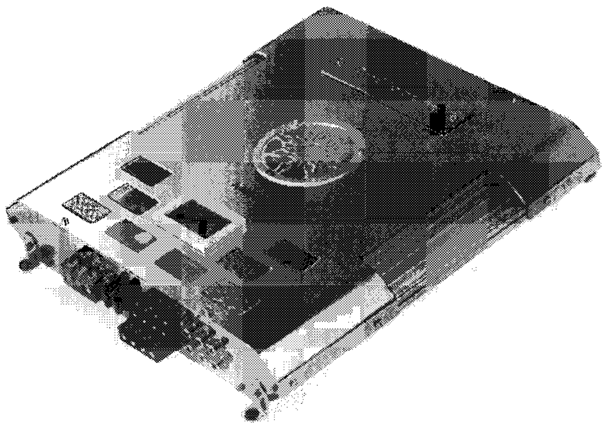




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www.audiobahninc.com

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Introduction

Thank you for purchasing an Audiobahn A/B Power Amplifier specifically designed for the mobile environment. This manual contains important information about installation, set-up procedures and intergrading this amplifier into your car stereo system. With proper care and installation, your new audiobahn A/B Mosfet Power amplifier will provide you with many years of high performance listening enjoyment.

Before making any electrical connections, Make sure that you disconnect the battery's ground cable to prevent the possibility of short circuits or damage to your electronic equipment. (If your stereo has an Anti-theft code DO NOT disconnect the battery).

INNOVATIONS INTERNATIONAL CES® DESIGN & ENGINEERING SHOWCASE HONORS

AUTO SOUND GRAND PRIX AWARD AudioVideo INTERNATIONAL

Features and Specifications

- Class A/B Mosfet Power Amplifier
- 2 Ohm Stable Stereo
- 4 Ohm Stable Mono
- Full Mosfet Power Supply
- Non Regulated Power Supply
- Double Sided Circuit Board
- Interior Circuit Board Illumination
- Blue LED Volt Meter*
- Fan Cooled
- 18dB Bass Boost
- Soft Start Circuitry
- Variable Sub Sonic Filter 20-50Hz**
- Signal To Noise Ratio: 100dB
- High Quality Bipolar Audio Stage

Recommended Fuse Size

- A2201Q : 20A x 1
- A2301Q : 25A x 1
- A2401Q : 30A x 1
- A2601Q : 20A x 2
- A2801Q : 30A x 2
- A3201Q : 40A x 2
- A4401Q : 30A x 1
- A4601Q : 20A x 2
- A6601Q : 30A x 2
- A1801Q : 20A x 2

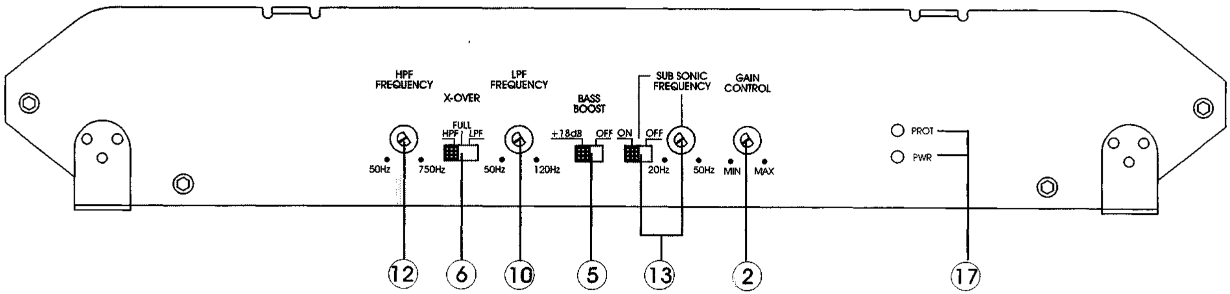
Dimensions

- A2201Q : 2.2" (H) x 12.7" (W) x 8" (D)
- A2301Q : 2.2" (H) x 12.7" (W) x 8.8" (D)
- A2401Q : 2.2" (H) x 12.7" (W) x 10" (D)
- A2601Q : 2.2" (H) x 12.7" (W) x 11.6" (D)
- A2801Q : 2.2" (H) x 12.7" (W) x 15.1" (D)
- A3201Q : 2.2" (H) x 12.7" (W) x 17.1" (D)
- A4401Q : 2.2" (H) x 12.7" (W) x 11.2" (D)
- A4601Q : 2.2" (H) x 12.7" (W) x 12.6" (D)
- A6601Q : 2.2" (H) x 12.7" (W) x 17.1" (D)
- A1801Q : 2.2" (H) x 12.7" (W) x 15.1" (D)

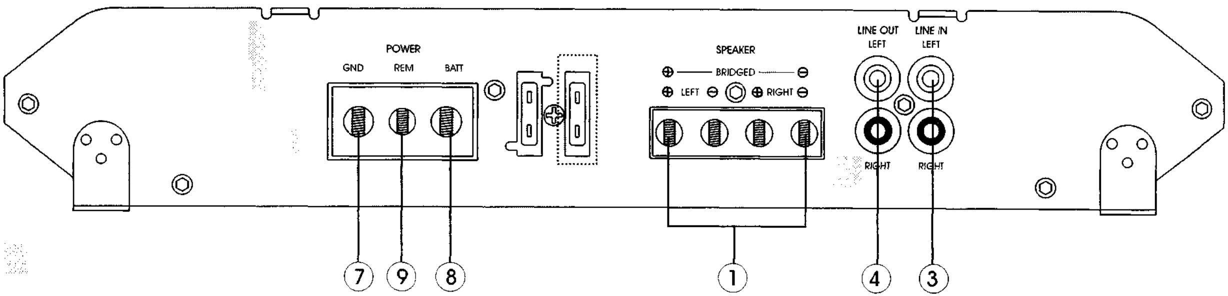
Power Output

- A2201Q : 50 watts x 2 @ 4 ohms
- A2301Q : 75 watts x 2 @ 4 ohms
- A2401Q : 100 watts x 2 @ 4 ohms
- A2601Q : 150 watts x 2 @ 4 ohms
- A2801Q : 200 watts x 2 @ 4 ohms
- A3201Q : 300 watts x 2 @ 4 ohms
- A4401Q : 50 watts x 4 @ 4 ohms
- A4601Q : 75 watts x 4 @ 4 ohms
- A6601Q : 75 watts x 6 @ 4 ohms
- A1801Q : 400 watts x 1 @ 4 ohms

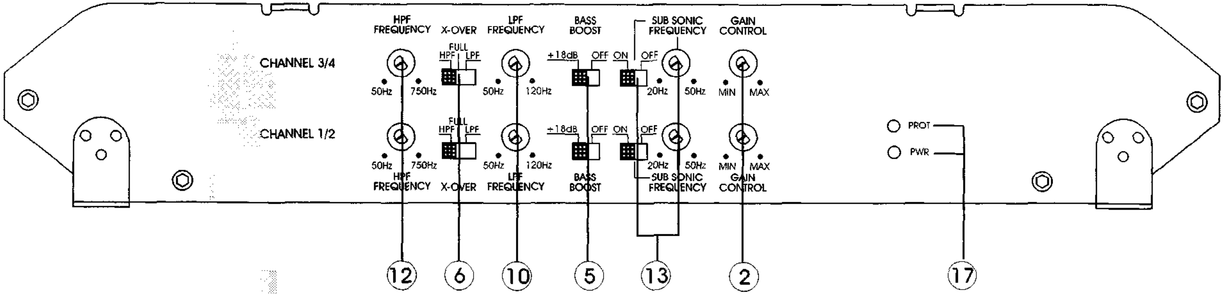
A2201Q/A2301Q/A2401Q/A2601Q/A2801Q/A3201Q REAR



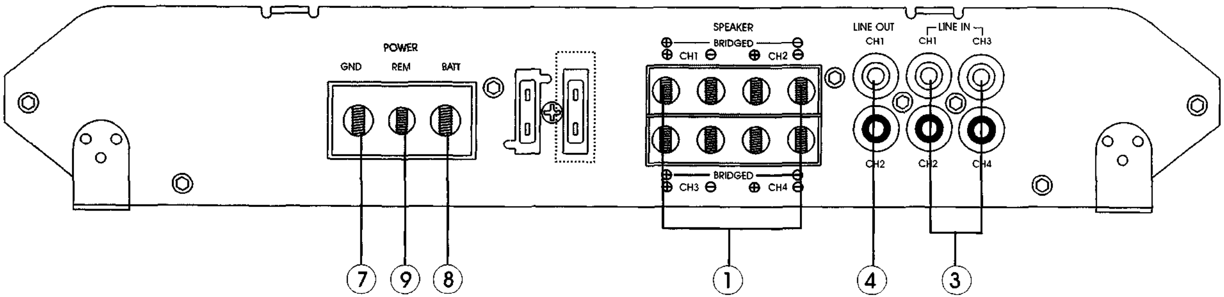
A2201Q/A2301Q/A2401Q/A2601Q/A2801Q/A3201Q FRONT



A4401Q/A4601Q REAR

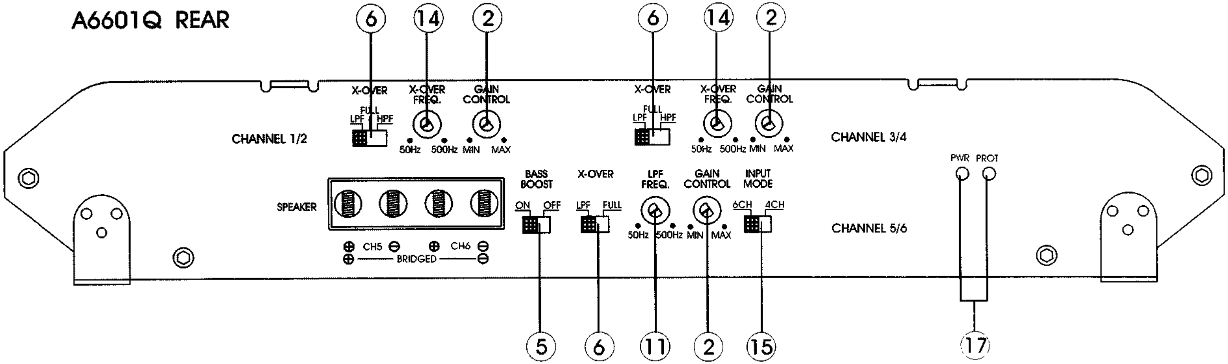


A4401Q/A4601Q FRONT

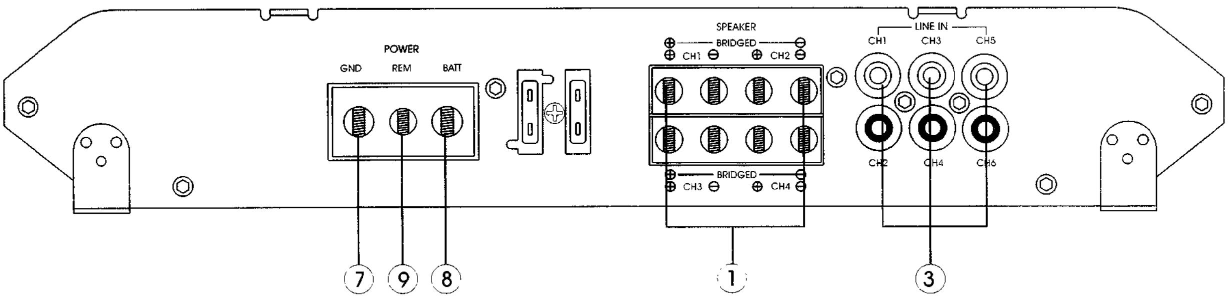


Controls and Functions

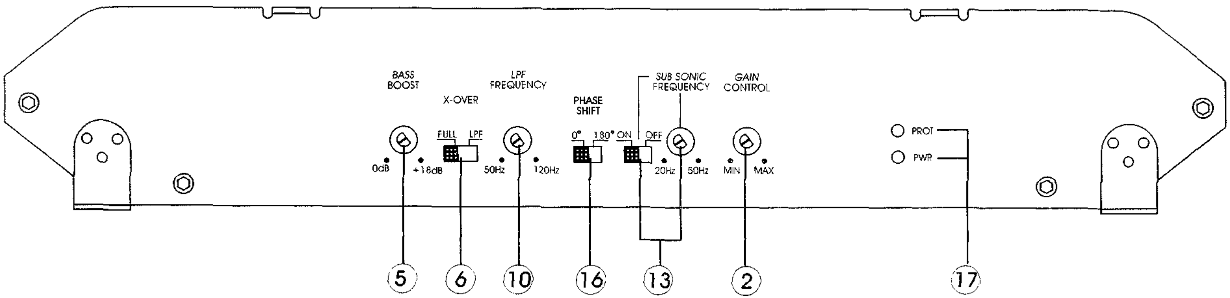
A6601Q REAR



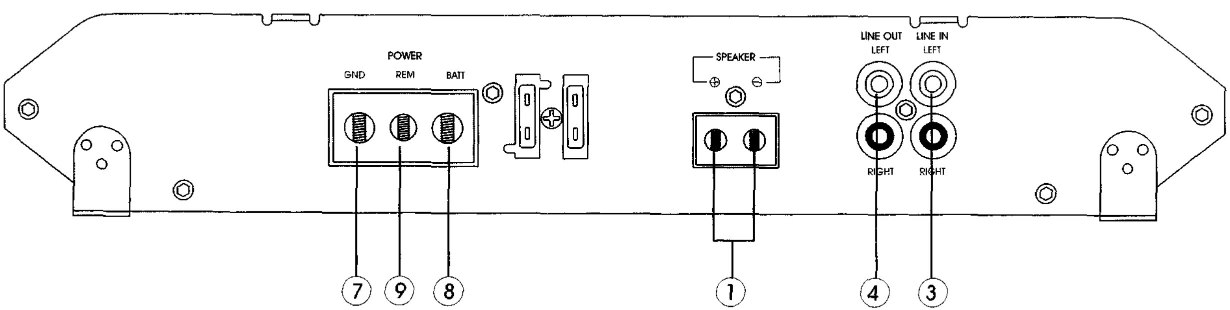
A6601Q FRONT



A1801Q REAR



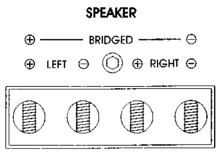
A1801Q FRONT



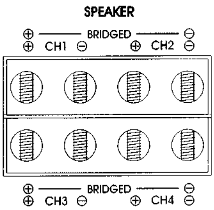
Controls and Functions

Controls and Functions

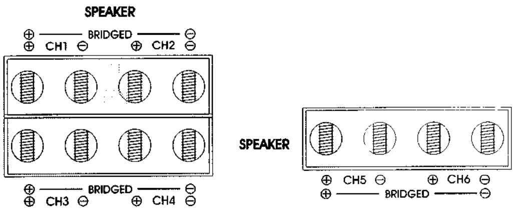
1. Speaker Terminals



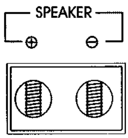
A2201Q
A2301Q
A2401Q
A2601Q
A2801Q
A3201Q



A4401Q
A4601Q



A6601Q



A1801Q

2. Input Sensitivity Adjustment

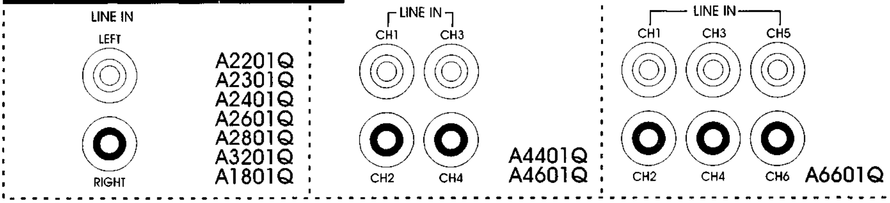


A2201Q / A2301Q
A2401Q / A2601Q
A2801Q / A3201Q
A4401Q / A4601Q
A6601Q / A1801Q

This control adjusts the amplifier's input sensitivity. Input sensitivity is variable from 200 Millivolts to 7 volts. Clockwise increases sensitivity. Counterclockwise decreases sensitivity.
This knob is not a volume control for the amplifier. The amplifier can be driven to full power with a wide range of signal levels. A lower signal level will require increased sensitivity for full power. A higher signal level will require decreased sensitivity.

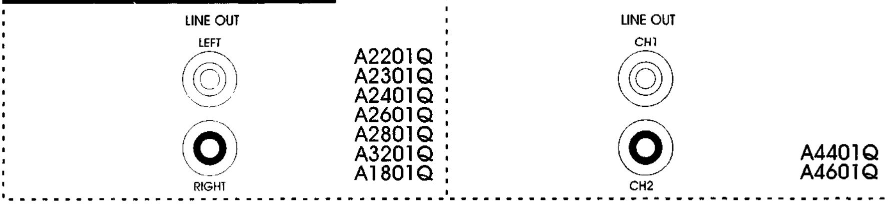
Controls and Functions

3. Low Level Input RCA jacks



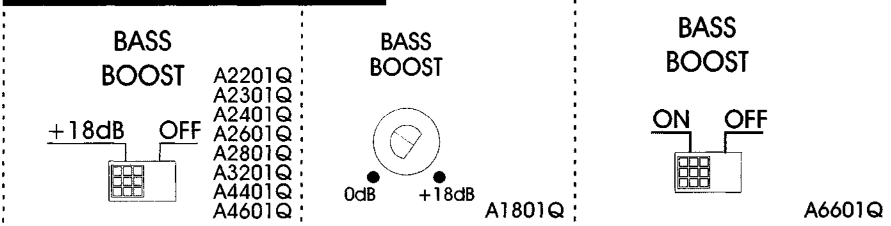
These inputs are for signal cables from the source. Always use high quality shielded RCA cables.

4. Low Level OUT RCA jacks



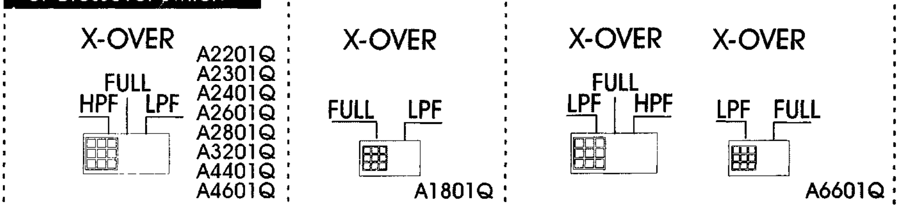
The LINE OUT allows you to build multiple amplifier systems without having to use splitter cords to distribute the signal. Now it is simple a matter of bringing one set of RCAS into the first amplifier, then using the line out RCA jacks as the feed to the next amplifier.

5. Bass Boost Switch And Variable



By using the bass boost function, bass notes at 50 Hz are emphasized as much as 18dB.

6. Crossover Switch

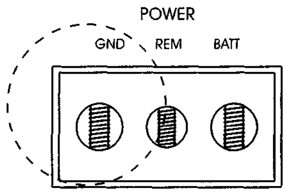


Adjust the crossover for your chosen installation method.

- LPF : Low pass filter-only bass tones (50Hz-120Hz/50Hz-500Hz:A6601Q) go to speakers. Use with woofer or sub-woofer.
- FULL : No filter-all tones go to speakers. Use with full-range speakers, or with external crossovers.
- HPF : High pass filter-blocks very low tones (50Hz-750Hz/50Hz-500Hz:A6601Q) from the speakers.

Controls and Functions

7. B- Terminal (Chassis ground)

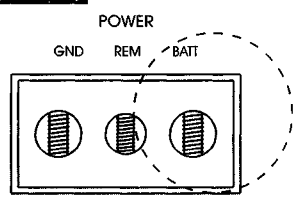


A2201Q
A2301Q
A2401Q
A2601Q
A2801Q
A3201Q
A4401Q
A4601Q
A6601Q
A1801Q

To avoid unwanted ignition noise caused by ground loops, it is essential that the Amplifier be grounded to a clean, bare, metal surface of the vehicles chassis.

Note: GROUND WIRE SHOULD NOT BE EXTENDED MORE THAN 3 FT (1 METER).

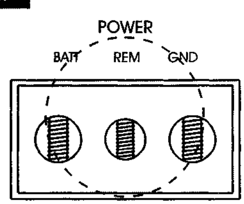
8. B+ Terminal (Battery positive)



A2201Q
A2301Q
A2401Q
A2601Q
A2801Q
A3201Q
A4401Q
A4601Q
A6601Q
A1801Q

Due to the power requirements of the Amplifier, this connection should be made directly to the positive (+)terminal of battery. For safety measure, install an in-line fuse Holder (not included)as close to the battery positive (+) terminal as possible with an ampere rating ; not to exceed total value of fuses in Amp.

9. Remote Turn-On Input



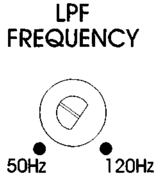
A2201Q
A2301Q
A2401Q
A2601Q
A2801Q
A3201Q
A4401Q
A4601Q
A6601Q
A1801Q

To remote wire car stereo.
This amplifier is turned "ON" remotely when vehicle's stereo is turned "ON"

Note:
IF YOUR RADIO DOES NOT HAVE +12 VOLT OUTPUT LEAD WHEN THE RADIO IS TURNED ON, THE "REMOTE" TERMINAL ON THE AMPLIFIER CAN BE CONNECTED TO VEHICLES ACCESSORY CIRCUIT THAT IS LIVE WHEN THE KEY IS "ON".

Controls and Functions

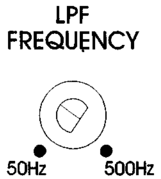
10. Low pass filter control



A2201Q/A2301Q
A2401Q/A2601Q
A2801Q/A3201Q
A4401Q/A4601Q
A1801Q

Variable Low-Pass Filter (50Hz-120Hz) : For use as a dedicated subwoofer channel, set filter switch to "LPF". Adjust variable crossover frequency with control as desired.
The amplifier input circuit filters out everything above 50Hz ...... 120Hz (dependent on the adjustment of the frequency control), so only the deepest bass notes are amplified.

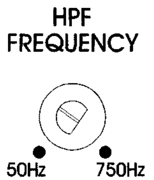
11. Low pass filter control



A6601Q

Variable Low-Pass Filter (50Hz-500Hz) : For use as a dedicated subwoofer channel, set filter switch to "LPF". Adjust variable crossover frequency with control as desired.
The amplifier input circuit filters out everything above 50Hz ...... 500Hz (dependent on the adjustment of the frequency control), so only the deepest bass notes are amplified.

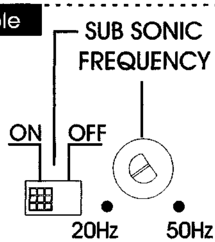
12. High pass filter control



A2201Q/A2301Q
A2401Q/A2601Q
A2801Q/A3201Q
A4401Q/A4601Q

Variable High-Pass Filter (50Hz-750Hz) : For use as a dedicated mid high range channel, set filter switch to "HPF". The input circuit filters out all frequencies below 50Hz .... 750Hz.

13. Sub Sonic Switch And Variable

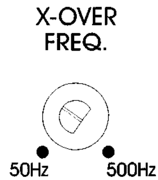


A2201Q/A2301Q
A2401Q/A2601Q
A2801Q/A3201Q
A4401Q/A4601Q
A1801Q

Sub Sonic Switch : ON and OFF
Sub Sonic Variable : 20Hz-50Hz

Controls and Functions

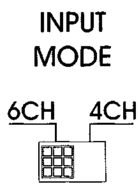
14. X-Over control



A6601Q

Variable X-OVER FREQ.(50Hz to 500Hz): For use as a dedicated subwoofer channel, set filter switch to "X-OVER FREQ." Adjust variable crossover frequency with control as desired. The amplifier input circuit filters out everything above 50 ...500 Hz (dependent on the adjustment of the frequency control), so only the deepest bass notes are amplified.

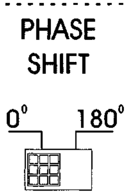
15. Input Mode Switch



A6601Q

SWITCH POSITION	INPUT SOURCE	OUTPUT
4CH	CH1(LF) CH3(LR) CH2(RF) CH4(RR) **OR** CH1(LF) CH5(LR) CH2(RF) CH6(RR)	6CH
6CH	CH1 CH3 CH5 CH2 CH4 CH6	6CH

16. Phase Shift Switch

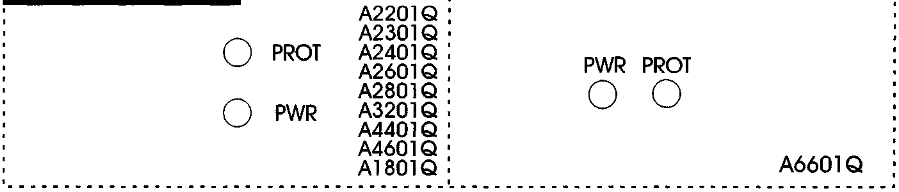


A1801Q

PHASE SHIFT SWITCH (0 AND 180 DEGREES): Allows you to change the phase of your subwoofer from 0 and 180 degrees to help compensate for timing differences between drivers.

Controls and Functions

17. LED Indicator



-PWR (Power) : This BLUE LED will illuminate when the amplifier is turned "ON". If it fails to illuminate, check the power connections to the Amplifier and fuses.

-PROT (Protection) : The amplifier protection circuitry will disable the amplifier if input overload, short circuit or extremely high temperature conditions are detected. When the protection mode is in operation, the LED indicator on the side panel will be illuminated, indicating the amplifier has gone into a self-preservation mode.

If you observe that the Protection LED is lit, please check the system carefully to determine what has caused the protection circuit to engage. The amplifier can be reset by turning the remote power off and then on again. If the amplifier shut down due to a thermal overload condition, please allow it to cool down before restarting. If the amplifier shut down because of an input overload or short circuit, be sure to repair these conditions before attempting to power up the amplifier again.

Planning and Mounting Your System

The mounting position of your Amplifier will have a great effect on its ability to dissipate the heat generated during normal operation.
It has an ample heat sink for heat dissipation, and also designed with a thermal shut-down (for heat protection) circuit. DO NOT enclose the amplifier in a small box or cover it so that air can not flow freely.

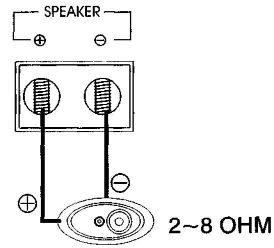
Temperatures in car trunks have been measured as high as (155' C) in the summer time. since the thermal shut-down point for the amplifier is (158' C) it is easy to see that it must be mounted for maximum cooling capability. To achieve the maximum advantage of convection air flow in an enclosed trunk, mount the amplifier in a horizontal position.

Cooling requirements are considerably relaxed when mounting inside the passenger compartment since the driver will not often allow temperatures to reach a critical point. Floor mounting under the seat is usually satisfactory as long as there is at least 1 inch of clearance (2.54 cm) above the Amplifier's fins for ventilation.

a. Select a suitable location that is convenient for mounting, is accessible for wiring. And has ample room for air circulation and cooling.
b. Use the amplifier as a template to mark the mounting holes. Remove the Amplifier and drill holes. Use extreme caution, inspect underneath surface before drilling!
c. Secure the Amplifier using the screws provided.

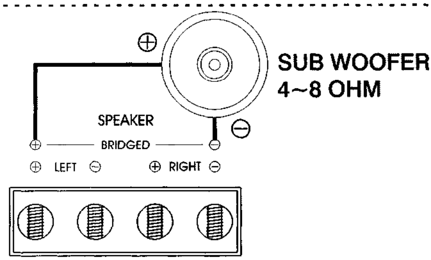
A1801Q

MONO

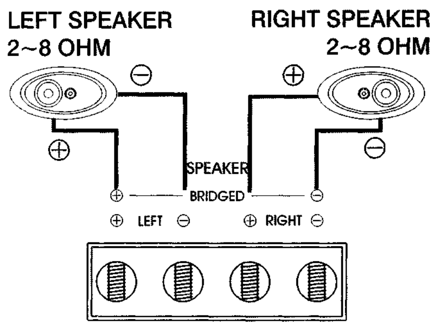


A2201Q/A2301Q/A2401Q/A2601Q/A2801Q/A3201Q

MONO MODE

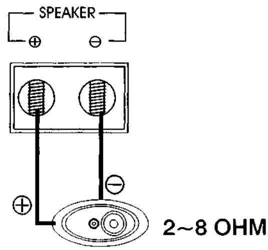


STEREO MODE



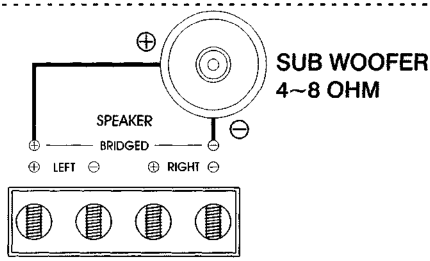
A1801Q

MONO

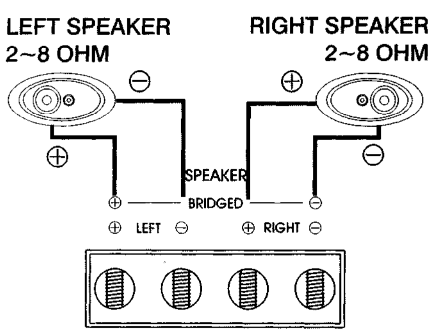


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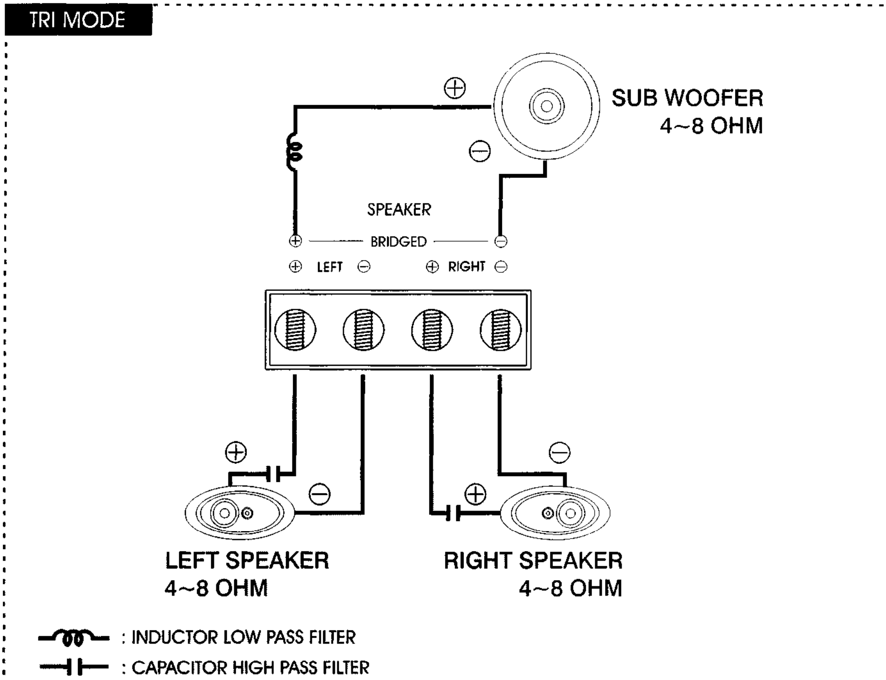
MONO MODE



STEREO MODE



A2201Q/A2301Q/A2401Q/A2601Q/A2801QX/A3201Q



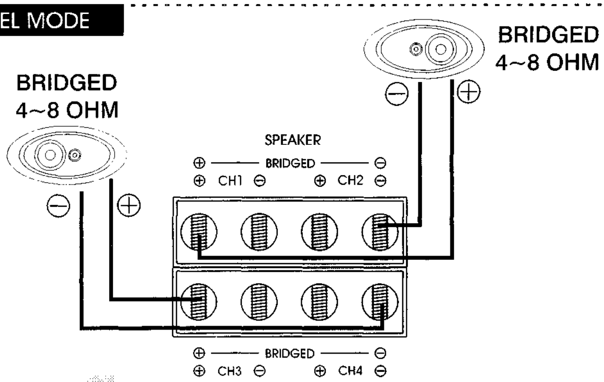
TRI MODE OPERATIONAL OUTPUT allows a Speaker to be operated in MONO mode while the main speakers are playing in Stereo. Leave the Crossover (Sub-woofer) switch on "Full" position. Use a 100 Volt, non polar capacitor for a high pass crossover and a wire coil (inductor) to block high frequencies from the (Sub) Woofer as shown in the figure below. Capacitor and inductor values as written in the section below determine crossover frequencies.

COMPONENT VALUES FOR 6 dB PASSIVE CROSSOVER

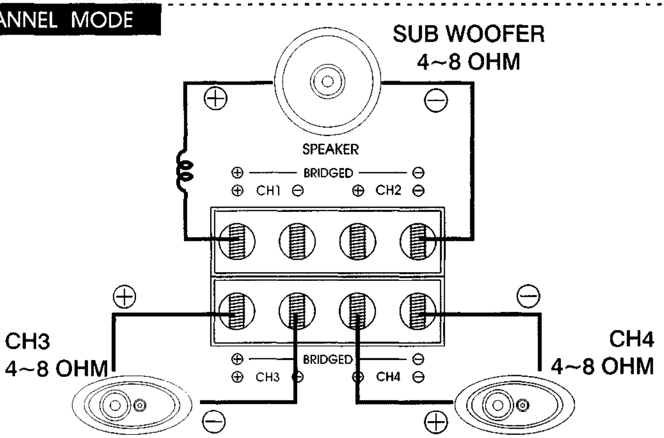
FREQUENCY	INDUCTOR	CAPACITOR
80 Hz	7.5 mH	470 uF
100 Hz	6.5 mH	330 uF
120 Hz	5.5 mH	330 uF
150 Hz	4 mH	220 uF

A4401Q/A4601Q

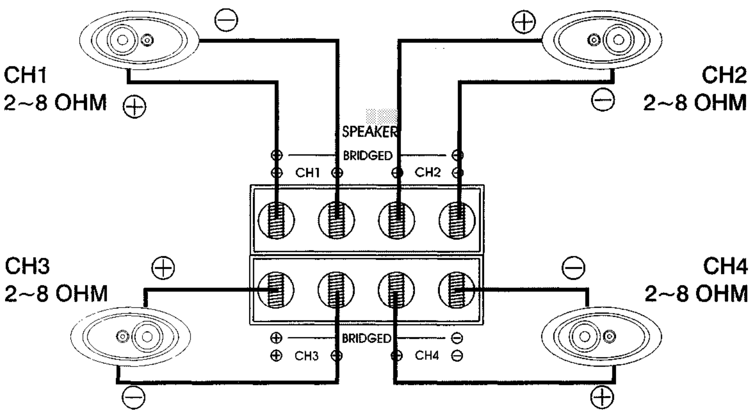
2 CHANNEL MODE



3 CHANNEL MODE



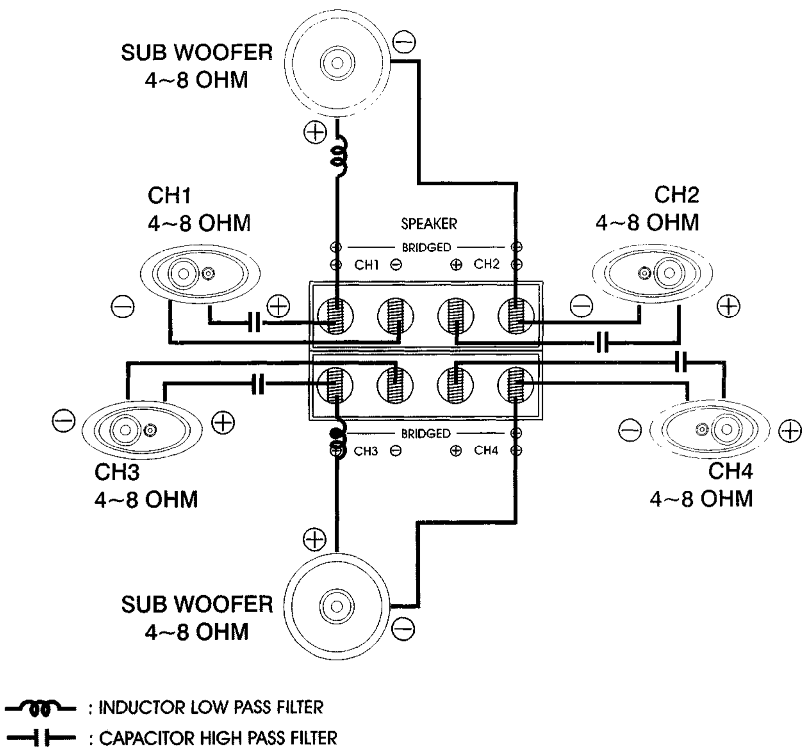
4 CHANNEL MODE



: INDUCTOR LOW PASS FILTER

A4401Q/A4601Q

6 CHANNEL MODE

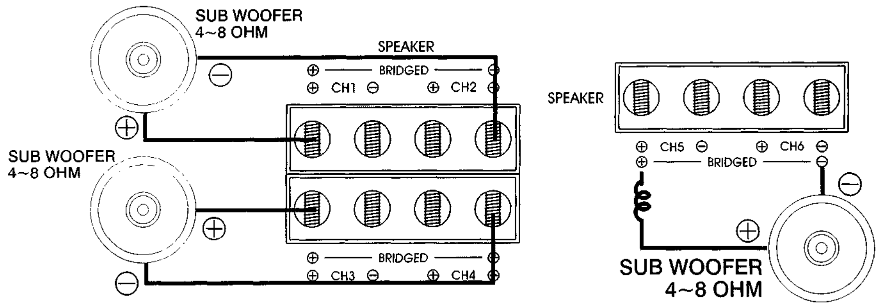


COMPONENT VALUES FOR 6 dB PASSIVE CROSSOVER

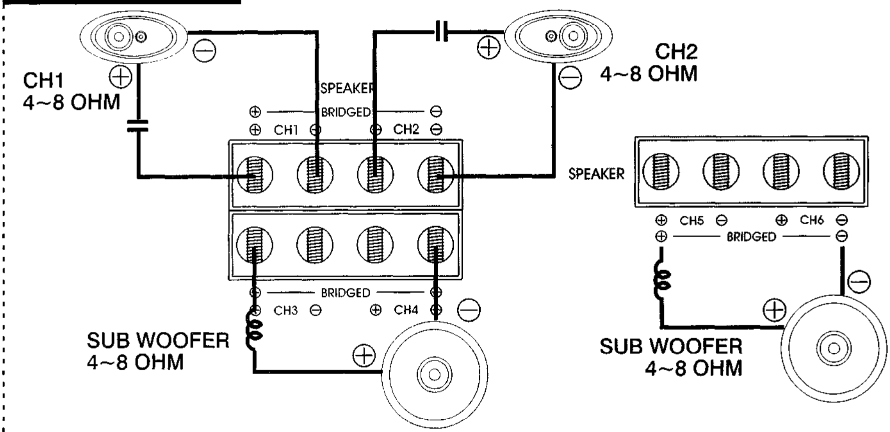
FREQUENCY	INDUCTOR	CAPACITOR
80 Hz	7.5 mH	470 uF
100 Hz	6.5 mH	330 uF
120 Hz	5.5 mH	330 uF
150 Hz	4 mH	220 uF

A6601Q

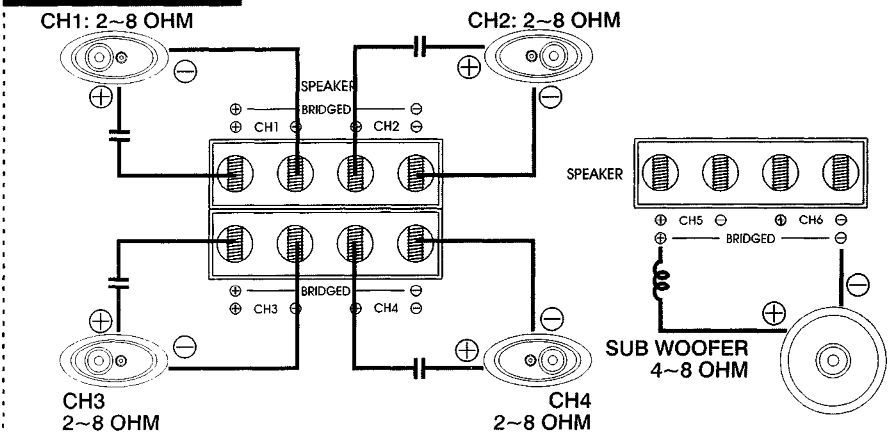
3 CHANNEL MODE



4 CHANNEL MODE



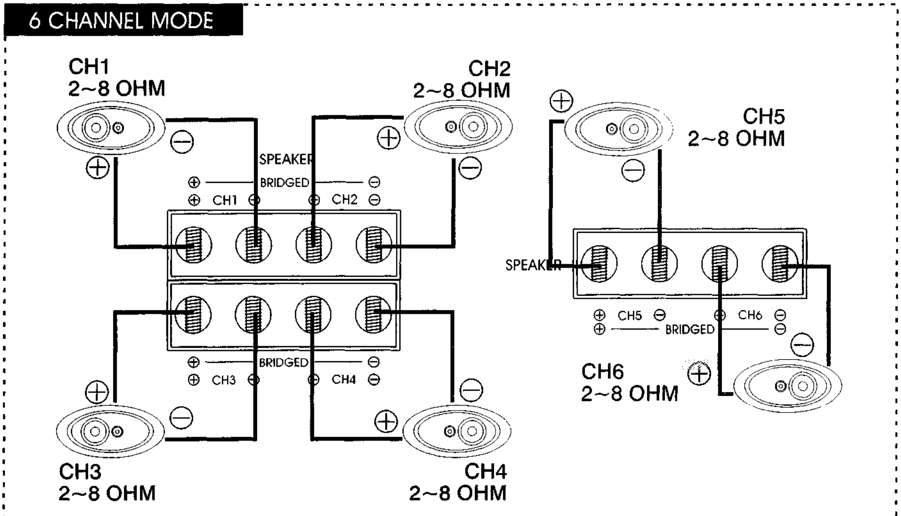
5 CHANNEL MODE

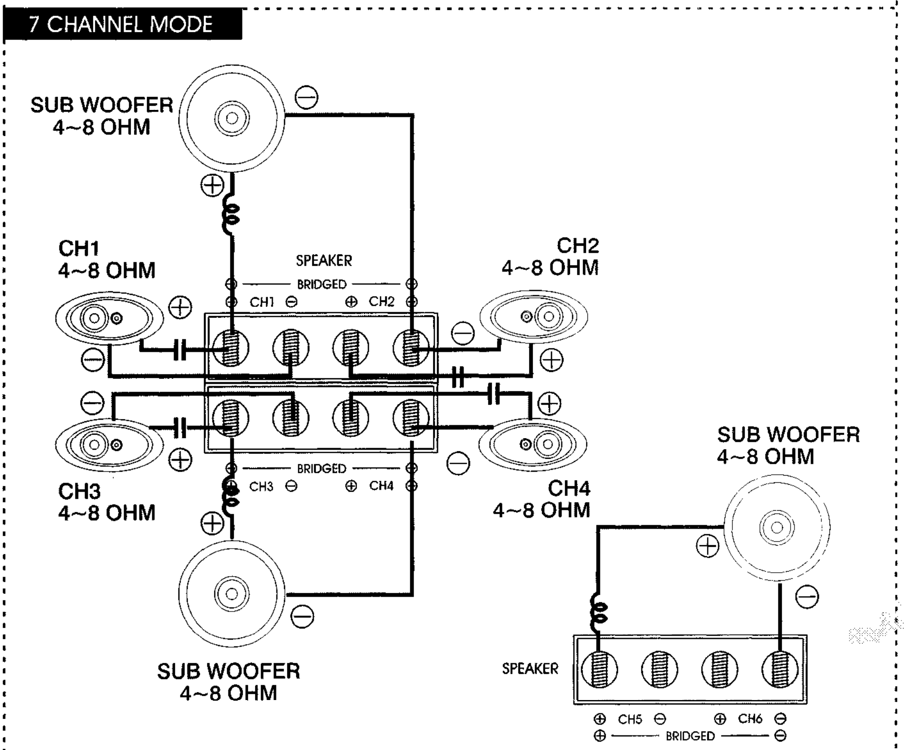


: INDUCTOR LOW PASS FILTER

: CAPACITOR HIGH PASS FILTER

A6601Q

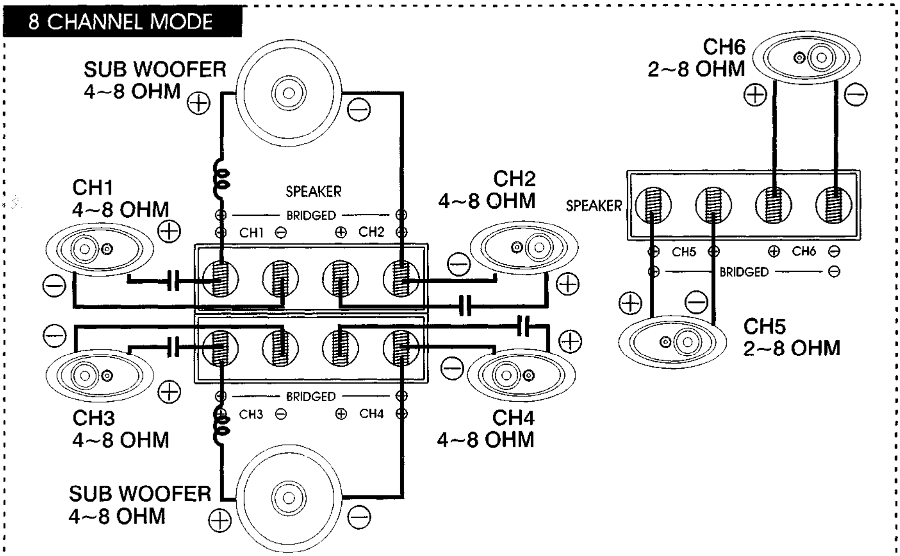


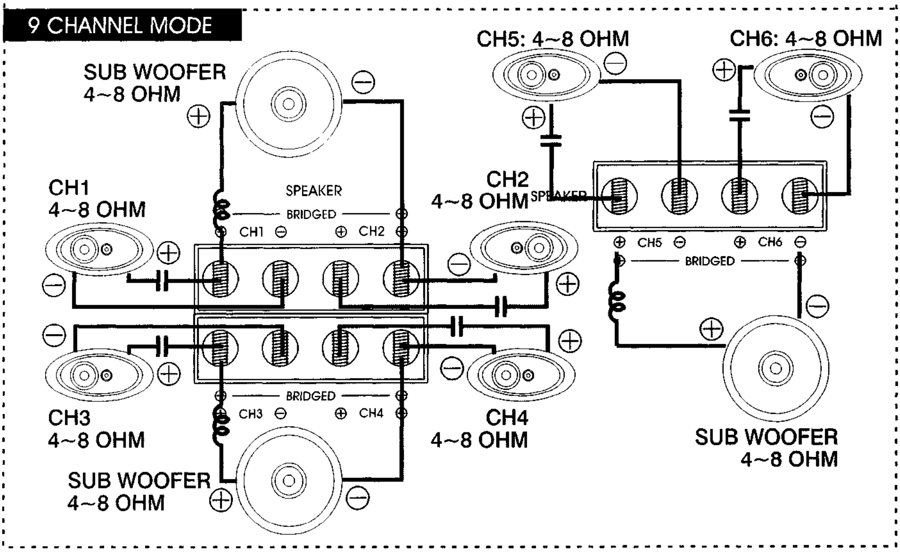


: INDUCTOR LOW PASS FILTER

: CAPACITOR HIGH PASS FILTER

A6601Q





: INDUCTOR LOW PASS FILTER

: CAPACITOR HIGH PASS FILTER

COMPONENT VALUES FOR 6 dB PASSIVE CROSSOVER

FREQUENCY	INDUCTOR	CAPACITOR
80 Hz	7.5 mH	470 uF
100 Hz	6.5 mH	330 uF
120 Hz	5.5 mH	330 uF
150 Hz	4 mH	220 uF

Turning on The Amplifier

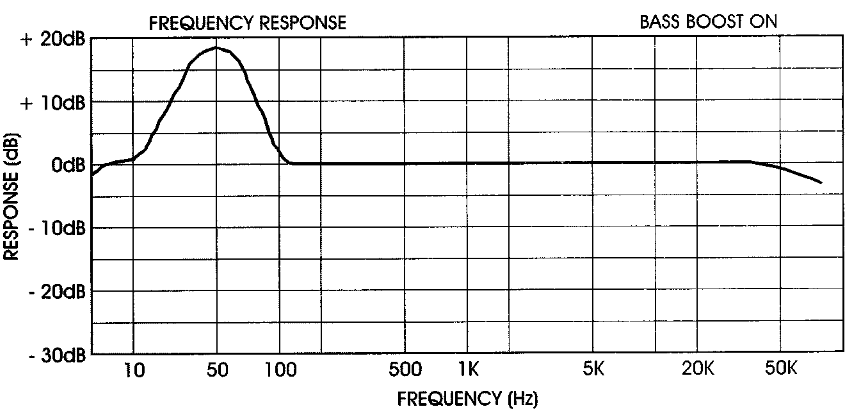
The amplifier automatically turns on a few seconds after you turn your vehicle's ignition switch to ACC or ON or turn on your auto sound system, depending on how you wired the system. The POWER indicator on the top of the amplifier lights when the amplifier is on.

Important : Your amplifier requires 30 amps or more of power from your vehicle's battery during operation. To protect your battery from discharging, do not operate the amplifier unless your vehicle is running.

Adjusting The Audio Level

For the best performance, you must set GAIN (MIN/MAX) on the side of the amplifier to adjust the level of the audio signals that enter the amplifier.

1. Use a screwdriver to turn GAIN (MIN/MAX) fully counterclockwise to MIN>
2. Turn the auto sound system's volume control to about one-third of its full range.
3. Adjust GAIN (MIN/MAX) to a comfortable listening level.
4. Turn up the auto sound system's volume control until the sound begins to distort. Then immediately turn the volume down to a point just before where the distortion began.
   Caution : Never turn up the auto sound system's volume control more than needed to adjust the audio level, more than two thirds of its maximum volume.
5. Adjust GAIN (MIN/MAX) until the sound is at the maximum level you want the amplifier to produce.
6. Adjust the auto sound system's volume control to a comfortable listening level.



NOTE : Raising the Bass frequency allows higher frequencies to reach the bass speakers while blocking lower frequencies from midrange speakers. Lowering the Bass frequency allows lower frequencies to reach the midrange speakers while blocking higher frequencies from bass speakers.

Trouble Shooting

SYMPTOMS	CHECK	POINTSCURE
NO SOUND	Is the power LED illuminated ? (NO)	Check fuses in amplifier. Be sure Turn-on lead is connected Check signal leads. Check gain control. Check Tuner/Deck volume level. Clean contacts on fuse holders.
	Is the Diagnostic LED illuminated ? (YES)	Check for speaker short or amplifier overheating.
AMP NOT SWITCHING ON	No power to power wire	Repair power wire or connections.
	No power to remote wire with receiver on	Check connections to radio.
	Fuse broken	Check fuse
NO SOUND IN ONE CHANNEL	Check Speaker Leads	Inspect for short circuit or an open connection.
	Check Audio Leads	Reverse Left and Right RCA inputs to determine if it is occurring before the amp.
AMP TURNING OFF MEDIUM/HIGH VOLUME	Speaker Check load impedance	Be sure proper speaker load impedance recommendations are observed. (If you use an ohmmeter to check speaker resistance, please remember that DC resistance and AC impedance may not be the same.)
PROTECTION LAMP ON	Temperature down shut	Turn radio down Waite for AMP to cool
	Speaker wires short	Separate speaker wires and insulate

WARNING

Investigate the layout of your automobile thoroughly before drilling or cutting any holes. Take care when you work near the gas tanks, lines, hydraulic lines and electrical wiring. Don't use the power amplifier unmounted. Attach the system securely to the automobile to prevent damage, particularly in the event of an accident. Don't mount the system so that the wire connections are unprotected or are subject to pinching or damage from nearby objects.
The +12V DC power wire must be fused at the battery positive terminal connection. Before making or breaking power connections at the system power terminals. Disconnect the +12V wire at the battery end. Confirm your radio/head unit and/or other equip is turned off while connecting the input jacks and speaker terminals.
If you need to replace the power fuse replace it only with a fuse identical to that supplied with the system. Using a fuse of different type or rating may result in damage to this system which isn't covered by the warranty.

Disclaimer

Specifications are subject to change with out notice.
For the most updated Specifications call Audiobahn, your local authorized Audiobahn dealer, or check the Audiobahn website.
Www.audiobahninc.com

WARRANTY INFORMATION

Congratulations on the purchase of your **Audiobahn** audio equipment!

Audiobahn products are manufactured with the highest quality components and most advanced technology available. Because of this, we recommend that you have your new products installed by a factory trained Authorized Audiobahn dealer.

Audiobahn warrants all electronics to the original consumer / purchaser to be free from defects in materials and workmanship for a period of (1) year.

<u>This warranty **does not** apply to:</u>

- Any product, on which the seals and / or serial numbers have been broken, removed, tampered with, defaced or altered in any manner
- Damage caused by abuse, misuse, accident, water or theft
- Damage caused by improper installation
- Any cost or expense related to removal and reinstallation
- Subsequent damage to other components
- Any product purchased outside the USA

This warranty **only applies** to the original consumer/purchaser and is not transferable. The original sales receipt from an authorized Audiobahn dealer is required to obtain warranty service.

Electronics found to be defective during the warranty period will replaced. A defective product must be shipped prepaid to the Authorized Audiobahn Dealer from which the consumer purchased the product or to the Audiobahn Factory in Buena Park, California in the original carton and packing material or their equivalent. Any shipping loss or damage will be the responsibility of the consumer or the consumer's shipper. A consumer returning a product to the factory must call (800) 488-8595 for a Return Authorization Number before sending the product. All Shipments must have the Return Authorization Number clearly marked on the outside of the shipping carton.

Ship to:
Audiobahn
Warranty Repair Department
7050 Village Drive, Bldg G
Buena Park, CA. 90621

Return Authorization Number:______________________________

AUDIOBAHN INC.
7050 VILLAGE DRIVE
BUILDING "G"
BUENA PARK CA 90621
TEL: 714-690-7530 FAX: 714-690-7533

MADE IN KOREA

Audiobahn®

Product Registration

for USA and Canada only

IMPORTANT:

1. Detach this section of the card and keep it with your records.

2. Retain your sales receipt to validate warranty service.

3. If you purchased an **Audiobahn** product, be sure to complete the box on the last page of this form.

Information on **Audiobahn** authorized Warranty Centers may be obtained by writing **Audiobahn** at the address below or by calling

714-690-7530

AUDIOBAHN INC.
7050 VILLAGE DRIVE BLDG. G
BUENA PARK CA 90621

Audiobahn WARRANTY INFORMATION

TEAR THIS PAGE OFF AND KEEP IT WITH YOUR RECEIPT!

Model Number	Serial Number	Price Paid(before tax)
		$

Retailer/Dealer Name

Retailer/Dealer Phone w/Area Code	Date Installed: Month	Day	Year
– –			

This product is warranted against all defect in material workmanship for a period of one year from the date of original purchase. The conditions of this warranty and the extent of the responsibility of **Audiobahn** Inc under this warranty are as follows:

1. PROOF OF DATE PURCHASED WILL BE REQUIRED FOR WARRANTY SERVICE OF THIS PRODUCT. INFORMATION ABOUT **Audiobahn** AUTHORIZED WARRANTY SERVICE CENTERS MAY ALSO BE OBTAINED BY CONTACTING OR WRITING **Audiobahn** INC AT THE ADDRESS LISTED ON THE FRONT OF THIS CARD.
2. This warranty will become void if service is performed by anyone other than an approved **Audiobahn** Warranty Service Center results in damage to product.
3. This warranty does not apply to any product which has been subject to misuse, neglect or accident, or which has had the serial number altered, defaced or removed, or which has been connected, installed, adjusted or repaired, other than in accordance with the instructions furnished by **Audiobahn** Inc.
4. This warranty does not cover car static or other electrical interference, tape head cleaning or space adjustments, or labor costs for the removal or reinstallation of the unit for repair.
5. The sole responsibility of **Audiobahn** Inc under this Warranty shall be limited to the repair or replacement thereof , at the sole discretion of **Audiobahn** Inc.
6. If it becomes necessary to send the product or any defective part to **Audiobahn** Inc or an authorized warranty service station, the product must be shipped in its original carton or equivalent carton, fully insured, with shipping charges prepaid. **Audiobahn** Inc will not assume any responsibility for any loss or damage incurred in shipping.
7. ALL IMPLIED WARRANTIES EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW SHALL HAVE NO GREATER DURATION THAN THE WARRANTY PERIOD SET FORTH ABOVE. UNDER NO CIRCUMSTANCES SHALL **Audiobahn** Inc BE LIABLE FOR ANY LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT. BECAUSE SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.
8. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY STATE TO STATE.
9. Should you have any difficulties with the performance of this product during warranty, or with any **Audiobahn** authorized service centers, you may contact the **Audiobahn** National Service Mangers at the address listed on the front of this card or call 714-690-7530 for a listing of Authorized Warranty service Centers in yours area.

Tear at perforation and keep this page with your receipt.

281-0607-00-PRINTED IN KOREA

Audiobahn PRODUCT REGIDTRATION CARD

Thank you for selecting a high-quality product from **Audiobahn**
We hope you are completely satisfied with your purchase. We'd like to help serve you better by finding out more about your reasons for choosing **Audiobahn**
Please take a few moments to fill out the registration information on this card and answer a few questions about yourself and your product Then, return the card to **Audiobahn** within 10 days of purchase. Your answers will be kept strictly confidential We appreciate you response!

Complete this selection and mail to **Audiobahn**

1 ☐ **Mr.** ☐ **Ms.** ☐ **Mrs.** ☐ **Miss.**

First Name | **M. I.** | **Last Name**

Mailing Address | **Apt. No.**

City | **State/Prov** | **Zip/Post Code**

Phone w/Area Code — — | **Date Purchase: Month** | **Day** | **Year**

2 What **Audiobahn** product did you purchase?

1 ☐ Woofers
2 ☐ Wire
3 ☐ Components
4 ☐ Capacitors
5 ☐ Crossovers
6 ☐ Enclosures
7 ☐ Accessories
8 ☐ Equalizer/DSP Processor Module
9 ☐ Amplifier
10 ☐ Full Range Speakers

Model Number | **Serial Number** | $ **Price Paid(before tax)**

3 What is the name of the store where you purchased this product?

Retailer/Dealer Name

City | **State/Prov.**

4 What is your age? *(Optional)* 1 ☐ Marital Status? *(Optional)* 2 ☐ Married 3 ☐ Single

5 Are there any children in your household? 1 ☐ Yes 2 ☐ No

If yes, please specify age range: 3 ☐ 1-12 4 ☐ 13-16 5 ☐ 17 & up

6 What is the highest level of education you have completed?

1 ☐ Some High School
2 ☐ High School Graduate
3 ☐ Some College
4 ☐ Completed College
5 ☐ Some Graduate School
6 ☐ Completed Graduate School
7 ☐ Vocation/Technical School

7 What best Describes your primary occupation?

1 ☐ Professional/Technical
2 ☐ Upper Management/Executive
3 ☐ Middle Management
4 ☐ Sales/Marketing
5 ☐ Clerical/Service Worker
6 ☐ Tradesman/Machine Operator/LStudent
7 ☐ Self-Employed/Businss Owner
8 ☐ Food Service
9 ☐ homemaker
10 ☐ Student
11 ☐ Retired
12 ☐ Other

8 What is your annual household income? *(Optional)*

1 ☐ Under $10 000
2 ☐ $10,000-$19.999
3 ☐ $20.000-$29,999
4 ☐ $30,000-$39,999
5 ☐ $40,000-$49,999
6 ☐ $50,000-$59,999
7 ☐ $60,000-$69,999
8 ☐ $70,000-$79,999
9 ☐ $80.000-$89,999
10 ☐ $90,000-$99,999
11 ☐ $100,000 and over

9 Which factors influenced you Most in choosing this **Audiobahn** Product?

Group A (Please check two)

1 ☐ Newspaper Advertisement
2 ☐ TV Commercial
3 ☐ Radio Commercial
4 ☐ Magazine Advertisement
5 ☐ Recommended by Friend/Family
6 ☐ **Audiobahn** Name/Reputation
7 ☐ Recommended by Store Salesperson
8 ☐ On-line Information
9 ☐ Store Display
10 ☐ Special Promotion
11 ☐ Other

Group B (Please check two)

12 ☐ Warranty
13 ☐ Quality/Reliability
14 ☐ Features
15 ☐ Appearance/Design
16 ☐ Ease of Operation
17 ☐ Other

10 What type of music do you listen to most often?(Please check one)

1 ☐ Rock
2 ☐ Jazz
3 ☐ Blues
4 ☐ Rop
5 ☐ Country
6 ☐ Classical
7 ☐ Rap
8 ☐ Rhythm & Blues
9 ☐ Reggae
10 ☐ New Age
11 ☐ Easy Listening
12 ☐ Alternative

11 Which of the following products/services do you own or intend to buy within the next 18 months?

	Own	Intend to buy
Home Desktop PC	1 ☐	9 ☐
Laptop Computer	2 ☐	10 ☐
Color Monitor	3 ☐	11 ☐
CD-ROM	4 ☐	12 ☐
Computer Speakers	5 ☐	13 ☐
Color Printer	6 ☐	14 ☐
Modem	7 ☐	15 ☐
Large Screen TV (35" or large)	8 ☐	16 ☐

	Own	Intend to buy
Satellite System/Service	17 ☐	24 ☐
Cellular Telephone	18 ☐	25 ☐
Pager	19 ☐	26 ☐
Call Waiting	20 ☐	27 ☐
Karaoke	21 ☐	28 ☐
Vehicle Navigation System	22 ☐	29 ☐
Vehicle Security System	23 ☐	30 ☐

12 Is this your first **Audiobahn** purchase?

1 ☐ 1st purchase 2 ☐ 2nd purchase 3 ☐ 3rd or more

13 What type of computer do you own?

1 ☐ IBM PC or Clone 2 ☐ Macintosh or Clone 3 ☐ Do Not Own

7 Which on-line service/network do you subscribe to?

1 ☐ America Online
2 ☐ CompuServe
3 ☐ GEnie
4 ☐ MSN
5 ☐ Internet
6 ☐ Prodigy
7 ☐ Other
8 ☐ Do not have service/access

Complete this selection and mail to **Audiobahn**
Please tape closed along this edge DO NOT STAPLE

AUDIO WARRANTY INFORMATION

All Audiobahn Inc. products are covered by a full 1 year manufactures warranty from the original date of purchase. Please refer to the warranty information card for guidelines of this warranty

AUDIOBAHN INC.
7050 VILLAGE DRIVE BLDG. G
BUENA PARK CA 90621

Retailer/Dealer Name

Retailer/Dealer Address

City **State/Prov** **Zip/Post Code**

Retailer/Dealer Phone w/Area Code **Date Installed: Month** **Day** **Year**

Audiobahn®

PLEASE PLACE
FIRST-CLASS STAMP
HERE
(Post Office will not deliver without proper postage)

AUDIOBAHN INC.
7050 VILLAGE DRIVE BLDG. G
BUENA PARK CA 90621